

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077356.D
 Acq On : 17 Apr 2023 14:43
 Operator : JC\MD
 Sample : 02355-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20230413

Quant Time: Apr 18 04:41:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	550599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1033846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	926347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	324243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	327741	43.552	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.100%
35) Dibromofluoromethane	8.172	113	310934	46.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.960%
50) Toluene-d8	10.571	98	1265104	47.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.854	95	407777	46.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%

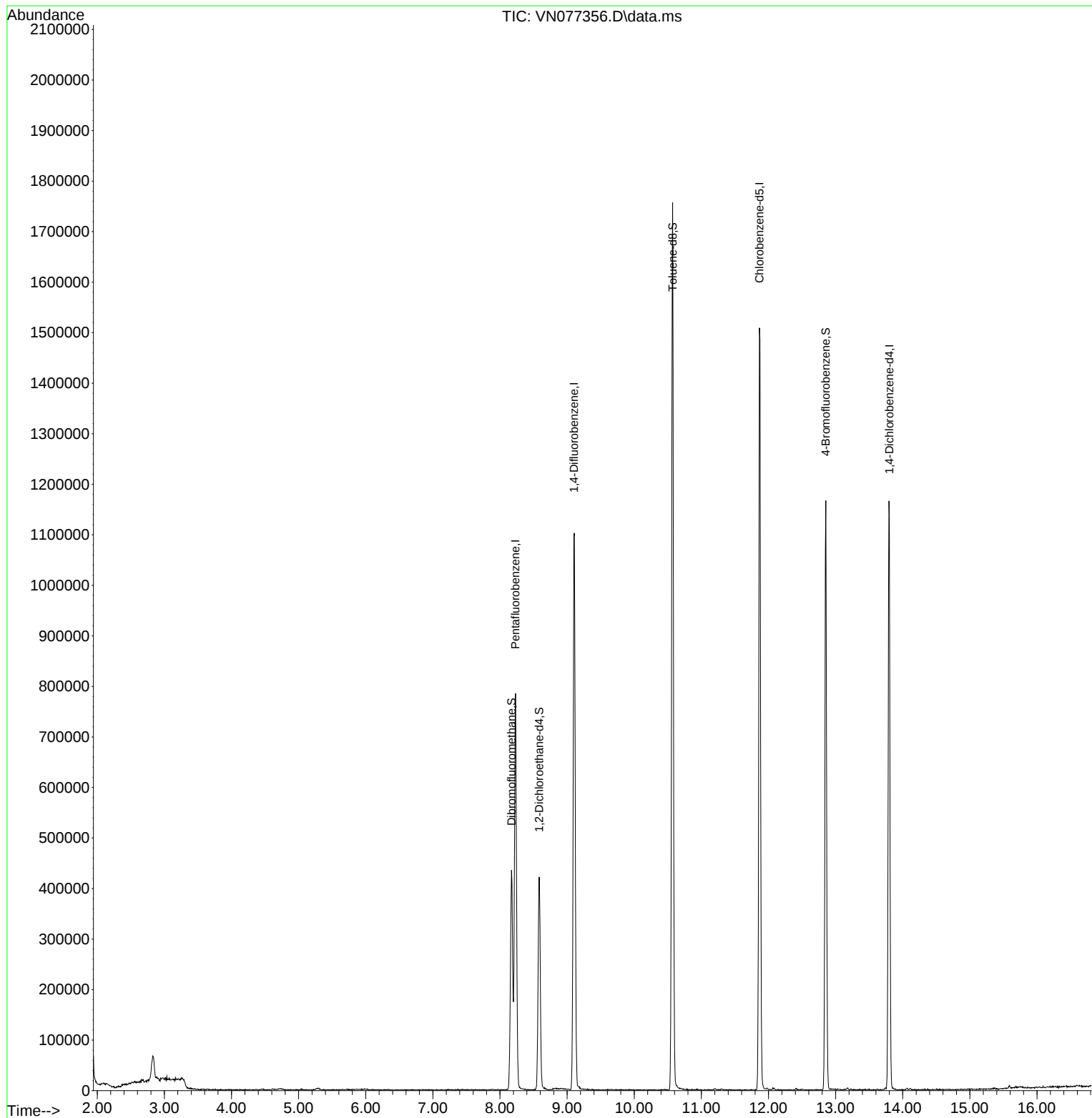
Target Compounds	Qvalue

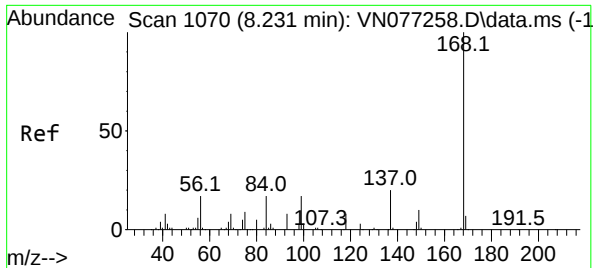
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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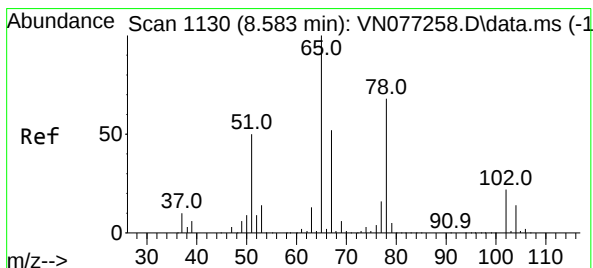
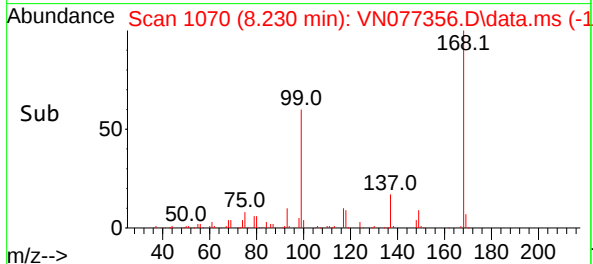
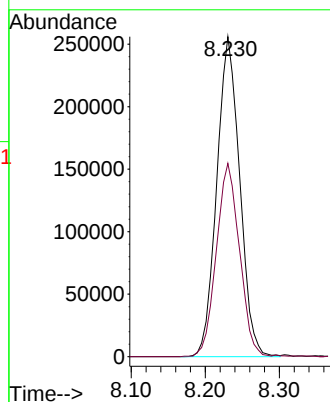
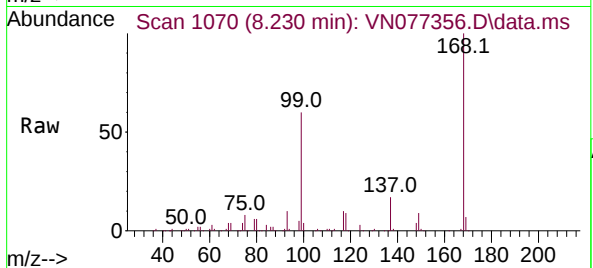




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

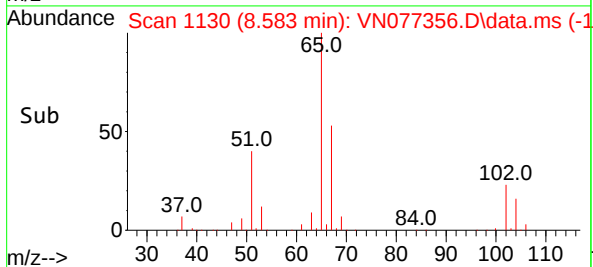
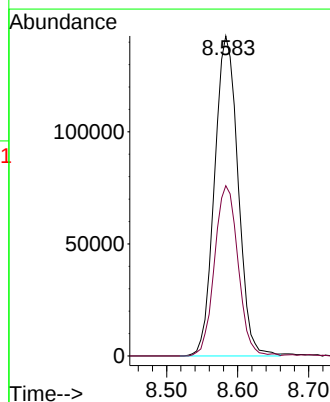
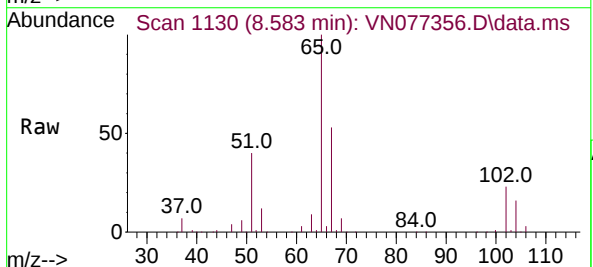
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

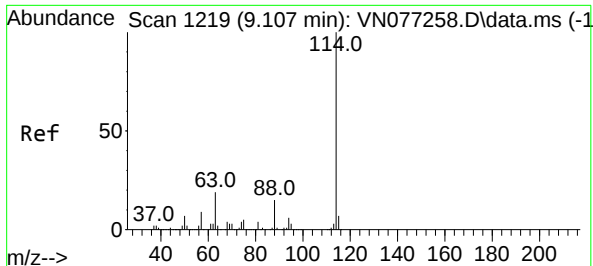
Tgt Ion:168 Resp: 550599
Ion Ratio Lower Upper
168 100
99 60.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 43.552 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 65 Resp: 327741
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077356.D

Acq: 17 Apr 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20230413

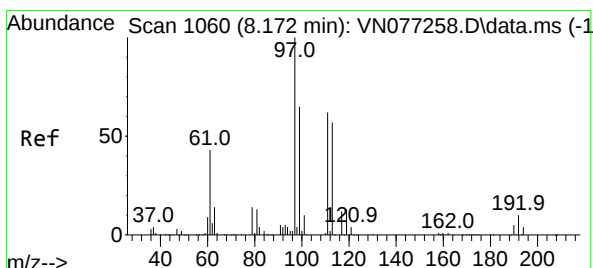
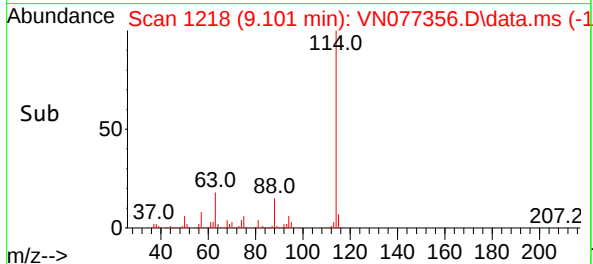
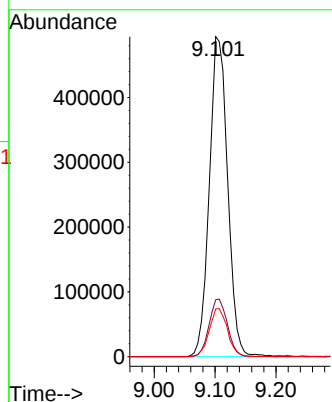
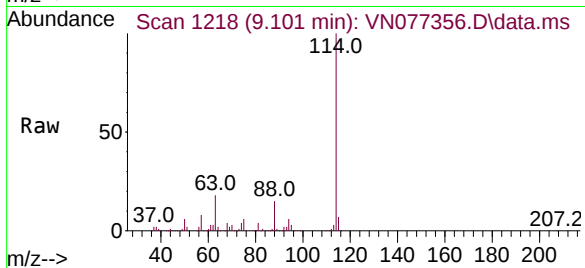
Tgt Ion:114 Resp: 1033846

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.980 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077356.D

Acq: 17 Apr 2023 14:43

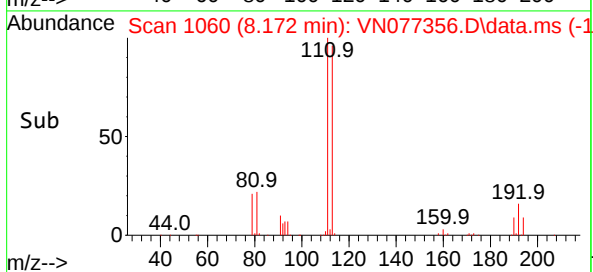
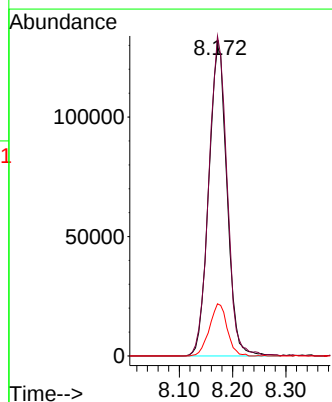
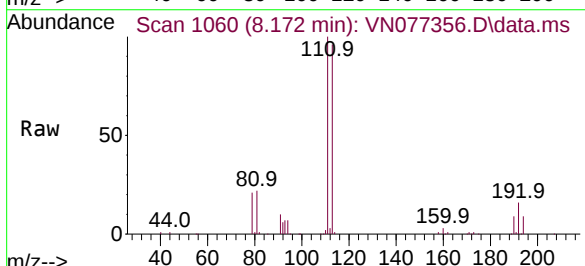
Tgt Ion:113 Resp: 310934

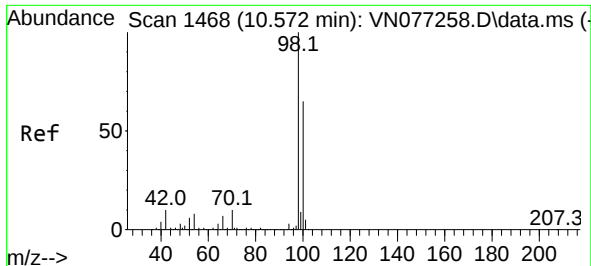
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 16.3 13.5 20.3

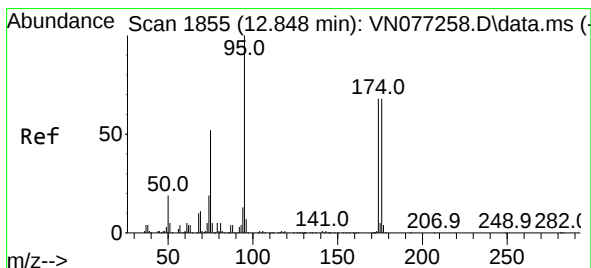
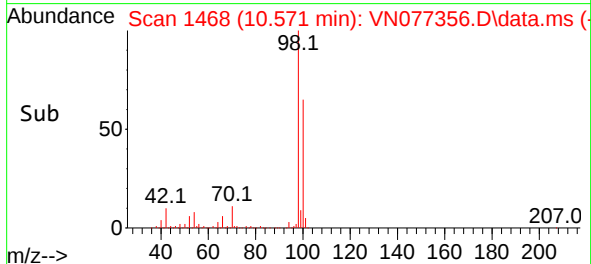
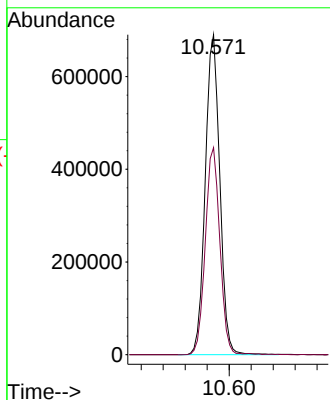
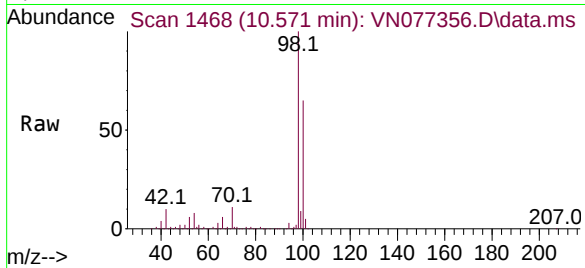




#50
Toluene-d8
Concen: 47.483 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

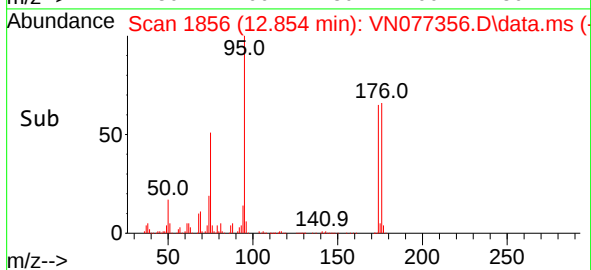
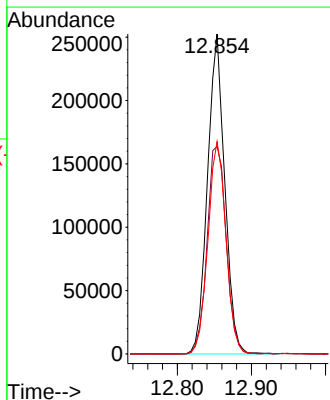
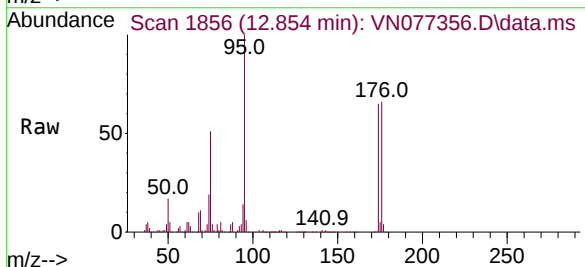
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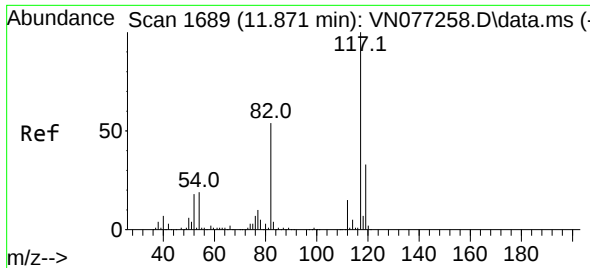
Tgt Ion: 98 Resp: 1265104
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.018 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 95 Resp: 407777
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.8
176 69.3 0.0 139.6

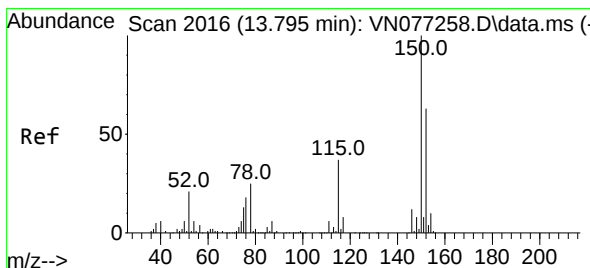
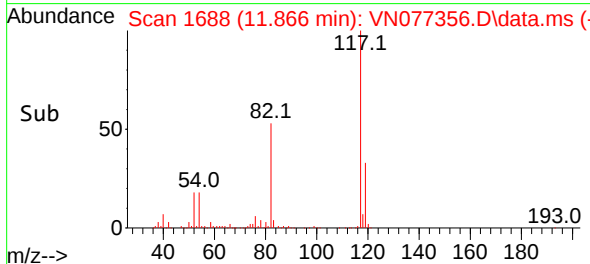
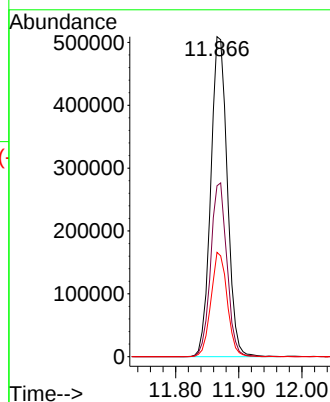
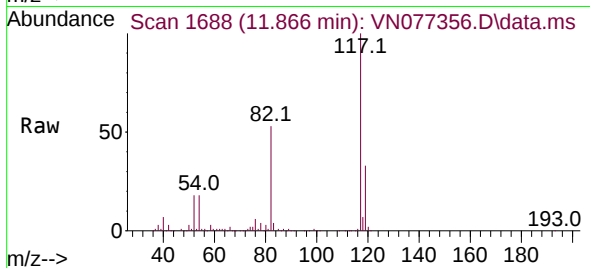




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

Tgt Ion:117 Resp: 926347
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion:152 Resp: 324243
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 157.5 0.0 354.8

